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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: SECURITY ACCESS MANAGER IN MIDDLEWARE

(57) Abstract: Method and system for controlling access to a platform for a mobile terminal for a wireless telecommunications system or for another product. The system includes a platform having a software services component and an interface component having at least one interface for providing access to the software services component for enabling application domain software to be installed, loaded, and run in the platform. An access controller controls access to the software services component by the application domain software via the at least one interface. The access controller includes an interception module for receiving a request from the application domain software to access the software services component, and a security access manager for determining if the permission request should be granted. The application domain software is granted access to the software services component via the at least one interface if the permission request is granted by the security access manager.



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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/10496

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G06F9/46

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/099837 A1 (OE NAUYUKI ET AL) 25 July 2002 (2002-07-25)  the whole document	1-4, 6-14, 16-40
X	WO 02/056172 A (INTEL CORPORATION) 18 July 2002 (2002-07-18) page 1, line 10 - line 22 page 13, line 15 - page 16, line 18	1,14,22, 35
A	DOWNS D ET AL: "Issues in discretionary access control" PROCEEDINGS OF THE SYMPOSIUM ON SECURITY AND PRIVACY. OAKLAND, CALIFORNIA, APRIL 22 - 24, 1985, SILVER SPRING, IEEE COMPUTER SOCIETY, US, vol. SYMP. 6, 1985, pages 208-218, XP002152374	

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"Z" document member of the same patent family

Date of the actual completion of the international search:

18 April 2005

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05.08.05

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# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/EP 03/10496

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
  
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This international Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
  
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
  
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
  
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-4, 6-14, 16-40

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-4,6-14,16-40

Platform access controller

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2. claims: 5,15

Decision cache

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# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/10496

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002099837 A1	25-07-2002	JP 2003044297 A	14-02-2003
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		BR 0116630 A	28-09-2004
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